

# DIV. OF OIL, GAS & MINING

T5S, R5W, U.S.B.&M.

# BERRY PETROLEUM COMPANY

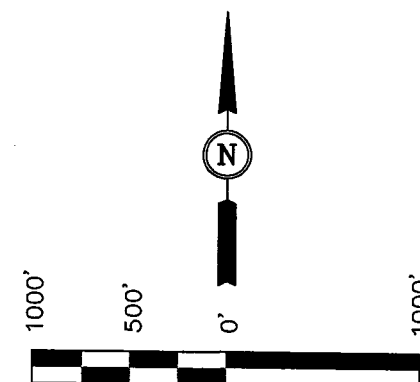
Well location, UTE TRIBAL #4-21D-55, located as shown in the NW 1/4 NW 1/4 of Section 21, T5S, R5W, U.S.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

## BASIS OF BEARINGS

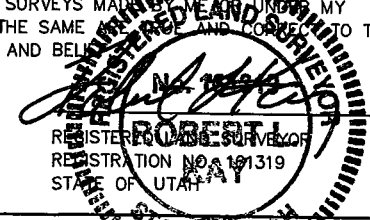
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

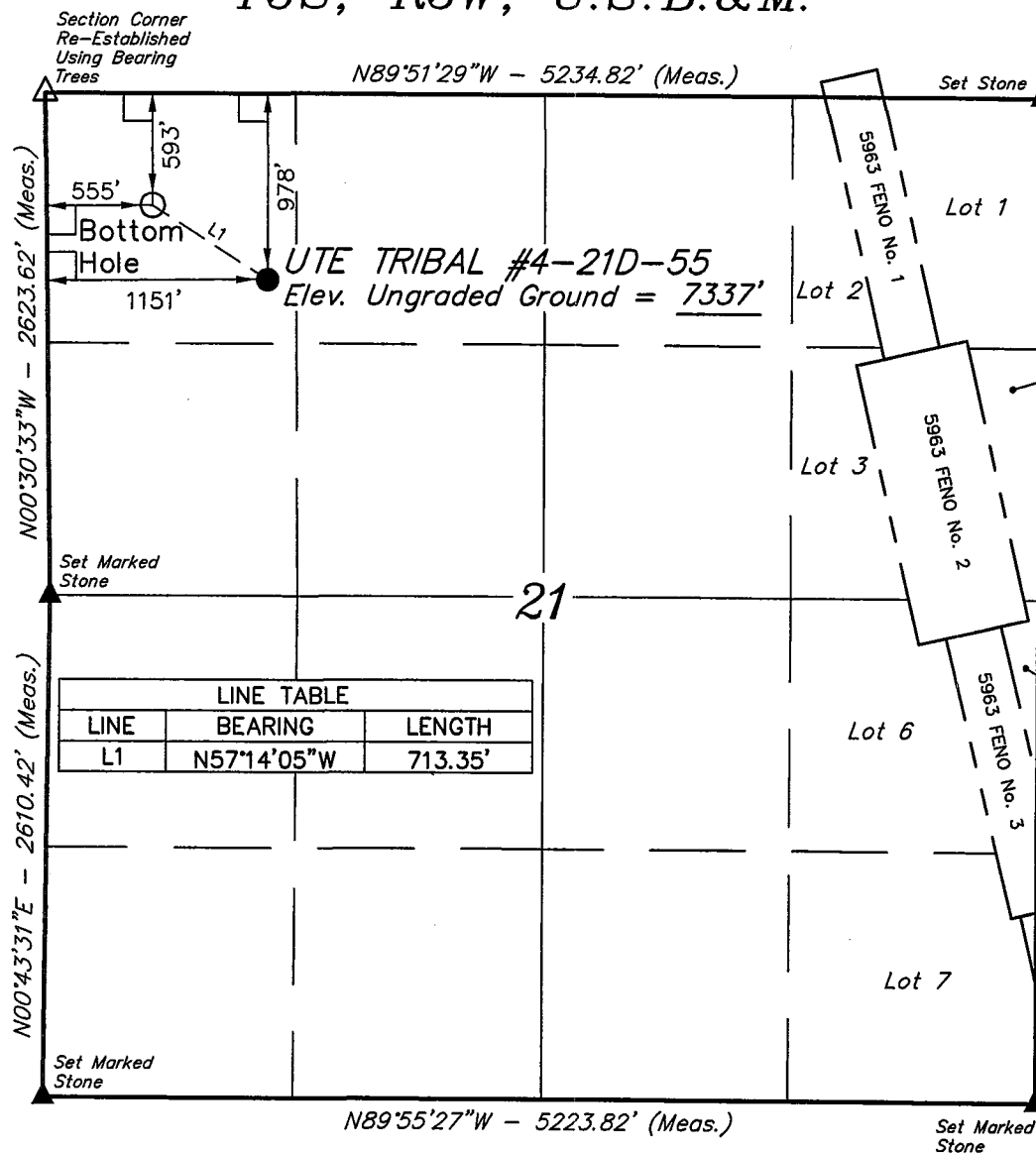
## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME AND UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-12-07	DATE DRAWN: 05-11-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BERRY PETROLEUM COMPANY	



## LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED. (Not Set On Ground)

(NAD 83)

LATITUDE = 40°02'11.53" (40.036536)

LONGITUDE = 110°27'27.18" (110.457550)

(NAD 27)

LATITUDE = 40°02'11.67" (40.036575)

LONGITUDE = 110°27'24.62" (110.456839)

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

Ute Tribal 4-21D-55

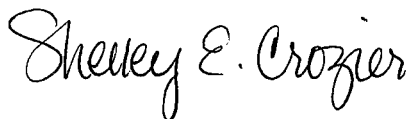
NW 1/4, NW 1/4, 978' FNL 1151' FWL, Section 21, T. 5 S., R. 5 W., U.S.B. & M.

BHL: NW 1/4, NW 1/4, 593' FNL 555' FWL

Lease BIA 14-20-H62-4825

Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.



Shelley E. Crozier  
Regulatory & Permitting Specialist  
Berry Petroleum Company  
4000 South 4028 West  
Route 2, Box 7735  
Roosevelt, Utah 84066  
435-722-1325

BERRY PETROLEUM COMPANY

Ute Tribal 4-21D-55

Surface location NW 1/4, NW 1/4, 978' FNL 1151' FWL, Section 21, T. 5 S., R. 5 W., U.S.B. & M.

BHL: NW 1/4, NW 1/4, 593' FNL 555' FWL

Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

**1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth@BHL</u>	<u>Depth@SHL</u>
Uinta	On Surface	On Surface
Green River	1,574'	1,580'
Green River Upper Marker	2,147'	2,150'
Mahogany	2,748'	2,756'
Tgr3 Marker	3,792'	3,797'
Douglas Creek	4,555'	4,560'
*Black Shale	5,208'	5,214'
*Castle Peak	5,480'	5,476'
Uteland Butte Ls.	5,871'	5,876'
Wasatch	6,091'	6,099'
TD	6,190'	6,200'
Base of Moderately Saline	7,230'	7,309'

\*PROSPECTIVE PAY

**Berry is locating the well at the surface location and directionally drilling from this location to minimize surface disturbance and Berry will be able to utilize the existing road and pipelines in the area.**

**Furthermore, Berry hereby certifies that it is the sole working interest owner with 460 feet of the entire directional well bore and the remainder of the Ute Tribal section.**

**3 Pressure Control Equipment**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**4 Proposed Casing and Cementing Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

Berry Petroleum Company  
Drilling Program  
Ute Tribal 4-21D-55  
Duchesne County, Utah  
Page Two

**5 Drilling Fluids Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**6 Evaluation Program**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**7 Abnormal Conditions**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**8 Anticipated Starting Dates and Notification of Operations**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**9 Other information**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING  
PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

BERRY PETROLEUM COMPANY

Ute Tribal 4-21D-55

Surface location NW 1/4, NW 1/4, 978' FNL 1151' FWL, Section 21, T. 5 S., R. 5 W., U.S.B. & M.

BHL: NW 1/4, NW 1/4, 593' FNL 555' FWL

Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

**1 Existing Roads**

To reach the Berry Petroleum Company well, Ute Tribal 4-21D-55 location, in Section 21-T5S-R5W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.6 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed southwest 15.1 miles. Turn north and proceed north to the Cottowood Ridge Road and then west and south 5.4 miles to the Ute Tribal 4-21D-55 access road. Turn east and proceed 180' +/- to the Ute Tribal 4-21D-55 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

**2 Planned Access Road**

See Topographic Map "B" for the location of the proposed access road.

**3 Location of Existing Wells**

See Topographic Map "C" for the location of existing wells within a 1 mile radius.

**4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**5 Location and Type of Water Supply**

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or Myton (Moon) Pit, SE/NE Sec. 27, T3S, R2W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W or from Kenneth V. & Barbara U. Richens source well located in Sec. 34, T3S, R2W, permit # 43-1723 or Brundage Canyon Field produced water or Leo Foy source well located in Sec. 34, T5S, R5W, permit # 43-11324. A water use agreement is also in place with the Ute Tribe.

**6 Source of Construction Materials**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**7 Methods of Handling Waste Materials**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**8 Ancillary Facilities**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**9 Wellsite Layout**

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

**10 Plans for Restoration of the Surface**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006). If an Archaeological Study is preformed, all seed mixture will match Archaeological recommendation.

**11 Surface Ownership**

Ute Indian Tribe

**12 Other information**

PLEASE REFER TO BERRY PETROLEUM COMPANY STANDARD OPERATING PROCEDURE (SOP VERSION: SEPTEMBER 21, 2006).

**13 Operator's Representative and Certification**

A) Representative

NAME: Shelley E. Crozier

ADDRESS: Berry Petroleum Company  
4000 S. 4028 W.  
Route 2, Box 7735  
Roosevelt, Utah 84066

PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

**B) Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 13, 2007  
DATE

Shelley E. Crozier  
Shelley E. Crozier  
Regulatory & Permitting Specialist  
Berry Petroleum Company



## APPLICATION FOR GRANT OF CORRIDOR RIGHT-OF-WAY

BERRY PETROLEUM COMPANY, having a resident or principal place of business at Route 2 Box 7735, Roosevelt, Utah, 84066, hereby files an application with the Bureau of Indian Affairs, pursuant to the terms and provisions of the Act of February 5, 1948 (62 Stat. 17; 25 U.S.C. 323), and to the regulations of the Department of the Interior contained in Title 25, Code of Federal Regulations, Part 169, for the grant of a Right-of-Way for the following purposes and reasons:

To construct a Drill Site & Corridor Right-of-Way for the UTE TRIBAL #4-21D-55 & #G-21D-55

Across the following described Indian Lands N ½ NW 1/4 OF SECTION 21, T5S, R5W, U.S.B.&M.

Drill Site = 2.268 Ac.

Corridor R-O-W = 0.068 Ac.  
(Access Road & Pipeline)

Total Acreage = 2.336 Acres

### **4" to 6" SDR-11 POLY PIPELINE**

Said Right-of-Way to be approximately 98.17 feet in length, 30 feet in width, and 0.068 Acres, and more particularly described and shown on the map of definite location to be attached and made a part hereof.

The applicant understands and hereby expressly agrees to the following stipulations:

- (a) To construct and maintain the Right-of-Way in a workmanlike manner.
- (b) To pay promptly all damages and compensation, in addition to the deposit made pursuant to 169.4 determined by the Secretary to be due the landowners and authorized users and occupants of the land on account of the survey, granting, construction and maintenance of the Right-of-Way.
- (c) To indemnify the landowners and authorized users and occupants against any liability for loss of life, personal injury and property damage arising from the construction, maintenance, occupancy or use of the lands by the applicant, his employees, contractors and their employees or subcontractors and their employees.
- (d) To restore the lands as nearly as may be possible to their original condition upon the completion of the construction to the extent compatible with the purpose for which the Right-of-Way was granted.
- (e) To clear and keep clear the lands within the Right-of-Way to the extent compatible with the purpose of the Right-of-Way; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project.
- (f) To take soil and resource conservation and protection measures, including weed control, on the land covered by the Right-of-Way.

- (g) To do everything reasonable within its power to prevent and suppress fires on or near the lands to be occupied under the Right-of-Way.
- (h) To build and repair such roads, fences, and trails as may be destroyed or injured by construction work and to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the Right-of-Way.
- (I) That upon revocation or termination of the Right-of-Way, the applicant shall, so far as is reasonably possible, restore the land to its original condition.
- (j) To at all times keep the Secretary informed of its address, and in case of corporations of the address of its principal officers.
- (k) That the applicant will not interfere with the use of the lands by or under the authority of the landowners for any purpose not inconsistent with the primary purpose for which the Right-of-Way is granted.

IN WITNESS THEREOF, BERRY PETROLEUM COMPANY. has caused this instrument to

be executed this 16 day of May, 2007.

Amy Henline  
WITNESS  
Chase Henline  
WITNESS

**BERRY PETROLEUM COMPANY**  
APPLICANT

Ed Courtright  
Ed Courtright/Production Foreman  
Route 2 Box 7735  
Roosevelt, Utah 84066  
Phone:(435)722-1325

SUPPORTING DOCUMENTS:

- ( ) Written consent of the landowners.
- ( ) Evidence of good faith and financial responsibility.
- (x) \$0 as per the terms of the Exploration and Development Agreement (14-20-H62-4728)
- ( ) State certified copy of corporate charter or articles of corporation.
- ( ) Certified copy of resolution or bylaws of the corporation authorizing the filing of the stipulation
- ( ) State certification that the applicant is authorized to do business in the State where the land is located.
- ( ) Certified copy of the articles of partnership or association.
- (x) Map of definite location.
- ( ) Other:

**BERRY PETROLEUM COMPANY**  
**UTE TRIBAL #4-21D-55 & #G-21D-55**  
**DAMAGE AREA & CORRIDOR RIGHT-OF-WAY**  
**SECTION 21, T5S, R5W, U.S.B.&M.**

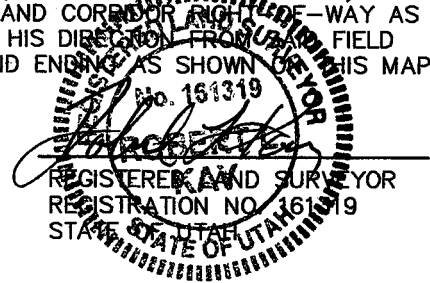
**TOTAL CORRIDOR RIGHT-OF-WAY ON UTE TRIBAL LANDS**

TOTAL LENGTH OF RIGHT-OF-WAY IS 98.17' OR 0.019 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.068 ACRES MORE OR LESS.

**ENGINEER'S AFFIDAVIT**

STATE OF UTAH        }  
COUNTY OF UTAH    } SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR BERRY PETROLEUM COMPANY, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.019 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



**ACKNOWLEDGEMENT**

SUBSCRIBED AND SWORN BEFORE ME THIS 16 DAY OF May 2007.

MY COMMISSION EXPIRES Aug 17, 2010

NOTARY PUBLIC  
VERNAL, UTAH



Notary Public  
**TRACY D. HENLINE**  
3379 East 5000 South  
Vernal, Utah 84078  
My Commission Expires  
August 17, 2010  
State of Utah

**APPLICANT'S CERTIFICATE**

I, ED COURTRIGHT, DO HEREBY CERTIFY THAT I AM THE AGENT FOR BERRY PETROLEUM COMPANY, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY, 0.019 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 0+98.17, THAT SAID DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

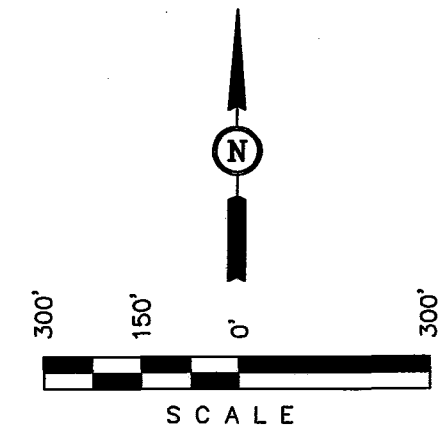
Ed Courtright  
APPLICANT

PRODUCTION SUPERVISOR  
\_\_\_\_\_  
TITLE

BERRY PETROLEUM COMPANY  
LOCATION DAMAGE AREA &  
CORRIDOR RIGHT-OF-WAY  
ON UTE TRIBAL LANDS

(For UTE TRIBAL  
#4-21D-55 & #G-21D-55)

LOCATED IN  
SECTION 21, T5S, R5W, U.S.B.&M.,  
DUCHESE COUNTY, UTAH

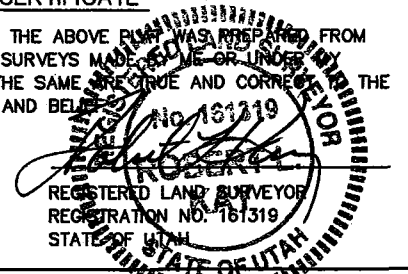


DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 NW 1/4 OF SECTION 21, T5S, R5W, U.S.B.&M., WHICH BEARS N36°29'02"E 2163.89' FROM THE WEST 1/4 CORNER OF SAID SECTION 21, THENCE S43°56'09"E 100.75'; THENCE S46°03'51"W 380.00'; THENCE N43°56'09"W 260.00'; THENCE N46°03'51"E 380.00'; THENCE S43°56'09"E 159.25' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.268 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH - 200 EAST • (435) 789-1017  
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 05-11-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 8 3 8 4

N89°51'29"W - 5234.82' (Meas.)

NE Cor. Sec. 21,  
Set Stone

Ute  
Tribal

Ute  
Tribal

END OF PROPOSED  
CORRIDOR RIGHT-OF-WAY  
STA. 0+98.17  
(At Edge of Damage Area)

DAMAGE AREA UTE TRIBAL  
#4-21D-55 & #G-21D-55  
Contains 2.268 Acres

BEGINNING OF PROPOSED  
CORRIDOR RIGHT-OF-WAY  
STA. 0+00  
(At Existing Road)

1/16 Section Line

NW 1/4

NE 1/4

NOTE:

BEGINNING STA. 0+00 BEARS N38°52'17"E 2200.74'  
FROM THE WEST 1/4 CORNER OF SECTION 21, T5S,  
R5W, U.S.B.&M.

END STA. 0+98.17 BEARS N36°29'02"E 2163.89'  
FROM THE WEST 1/4 CORNER OF SECTION 21, T5S,  
R5W, U.S.B.&M.

CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE  
FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 21, T5S, R5W, U.S.B.&M., WHICH BEARS N38°52'17"E 2200.74' FROM THE WEST 1/4 CORNER OF SAID SECTION 21, THENCE N73°59'14"W 94.22'; THENCE N83°46'32"W 3.95' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 21, WHICH BEARS N36°29'02"E 2163.89' FROM THE WEST 1/4 CORNER OF SAID SECTION 21. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.068 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SW 1/4

SE 1/4

Sec. 21

Section Corner  
Re-Established  
Using Bearing  
Trees

Section Line

1/16 Section Line

1/4 Section Line

Exist. Road

Exist. Pipeline

LINE TABLE		
LINE	BEARING	LENGTH
L1	N73°59'14"W	94.22'
L2	N83°46'32"W	3.95'
L3	S43°56'09"E	100.75'
L4	S46°03'51"W	380.00'
L5	N43°56'09"W	260.00'
L6	N46°03'51"E	380.00'
L7	S43°56'09"E	159.25'

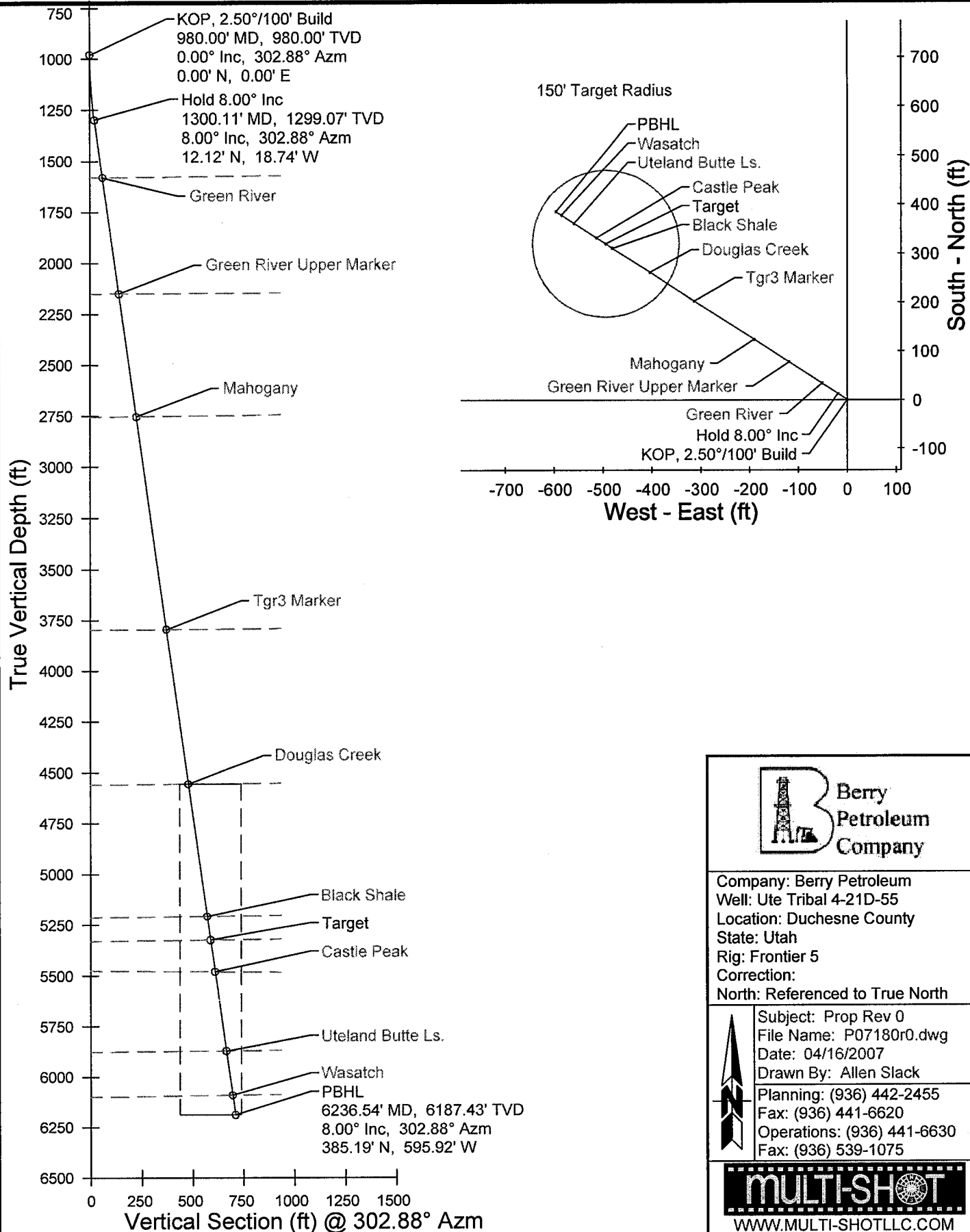
RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
UTE TRIBAL	98.17	0.068	5.95

Set Marked Stone

1/4 Section Line

N00°30'33"W - 2623.62' (Meas.)



**Berry  
Petroleum  
Company**

Company: Berry Petroleum  
Well: Ute Tribal 4-21D-55  
Location: Duchesne County  
State: Utah  
Rig: Frontier 5  
Correction:  
North: Referenced to True North



Subject: Prop Rev 0  
File Name: P07180r0.dwg  
Date: 04/16/2007  
Drawn By: Allen Slack  
Planning: (936) 442-2455  
Fax: (936) 441-6620  
Operations: (936) 441-6630  
Fax: (936) 539-1075

**MULTI-SHOT**  
WWW.MULTI-SHOTLLC.COM

The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.



Job Number: P07-180  
 Company: Berry Petroleum  
 Lease/Well: Ute Tribal 4-21D-55  
 Location: Duchesne County  
 Rig Name: Frontier 5  
 RKB: 14'  
 G.L. or M.S.L.: 7337'

State/Country: Utah  
 Declination:  
 Grid: Referenced to True North  
 File name: F:\WELLPL-1\2007\IP07180\S\IP07180\07180.SVY  
 Date/Time: 16-Apr-07 / 10:23  
 Curve Name: Prop Rev 0

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 302.88  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
<b>KOP, 2.50°/100' Build</b>									
980.00	.00	302.88	980.00	.00	.00	.00	.00	.00	.00
1080.00	2.50	302.88	1079.97	1.18	-1.83	2.18	2.18	302.88	2.50
1180.00	5.00	302.88	1179.75	4.73	-7.32	8.72	8.72	302.88	2.50
1280.00	7.50	302.88	1279.14	10.64	-16.47	19.61	19.61	302.88	2.50
<b>Hold 8.00° Inc</b>									
1300.11	8.00	302.88	1299.07	12.12	-18.74	22.32	22.32	302.88	2.50
<b>Green River</b>									
1582.81	8.00	302.88	1579.02	33.48	-51.80	61.68	61.68	302.88	.00
<b>Green River Upper Marker</b>									
2158.81	8.00	302.88	2149.41	77.01	-119.15	141.87	141.87	302.88	.00
<b>Mahogany</b>									
2768.84	8.00	302.88	2753.50	123.12	-190.47	226.80	226.80	302.88	.00
<b>Tgr3 Marker</b>									
3819.08	8.00	302.88	3793.51	202.49	-313.27	373.01	373.01	302.88	.00
<b>Douglas Creek</b>									
4588.63	8.00	302.88	4555.56	260.65	-403.24	480.15	480.15	302.88	.00
<b>Black Shale</b>									
5248.13	8.00	302.88	5208.64	310.49	-480.35	571.97	571.97	302.88	.00
<b>Target</b>									
5363.61	8.00	302.88	5323.00	319.22	-493.86	588.04	588.04	302.88	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Castle Peak									
5521.86	8.00	302.88	5479.71	331.18	-512.36	610.08	610.08	302.88	.00
Uteland Butte Ls.									
5916.88	8.00	302.88	5870.88	361.03	-558.55	665.07	665.07	302.88	.00
Wasatch									
6137.87	8.00	302.88	6089.72	377.74	-584.38	695.84	695.84	302.88	.00
PBHL									
6236.54	8.00	302.88	6187.43	385.19	-595.92	709.57	709.57	302.88	.00



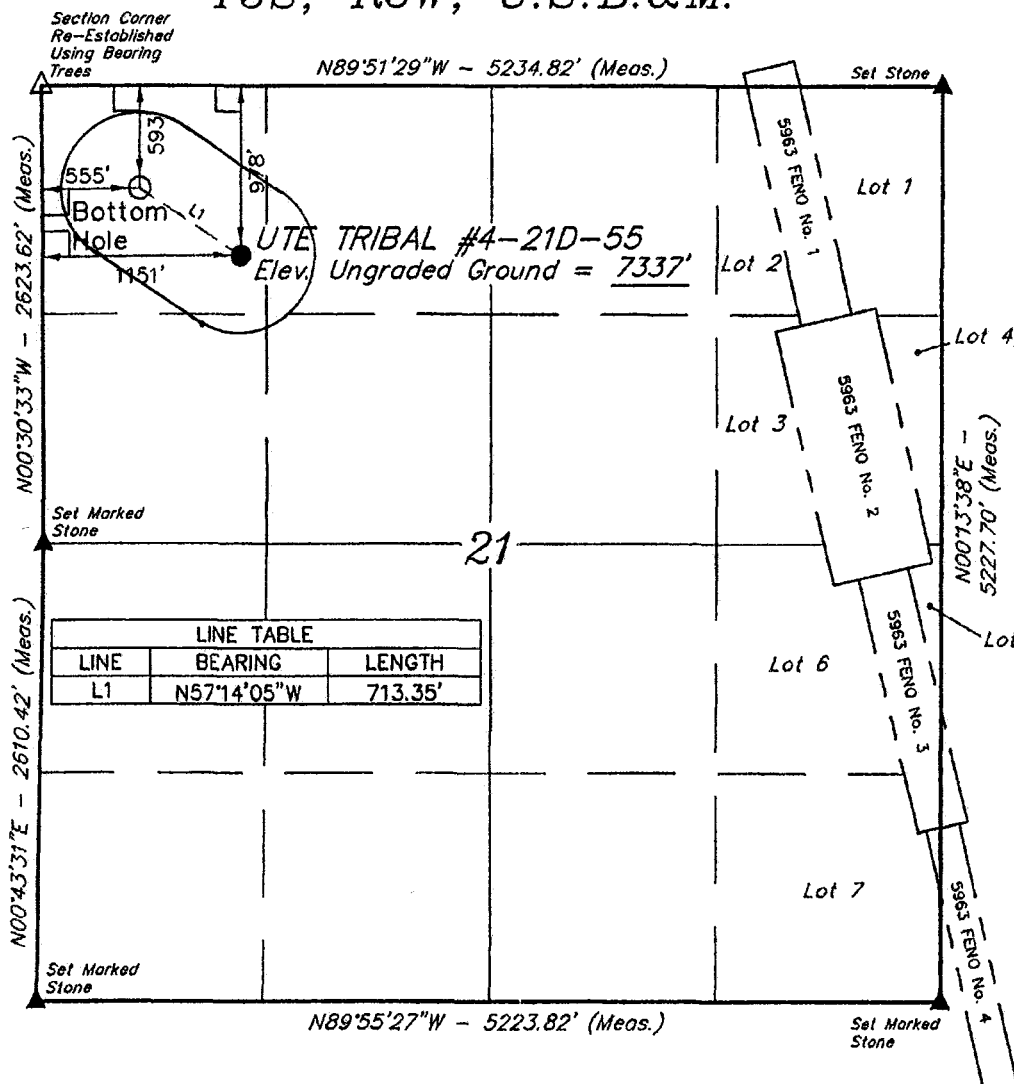


11Plan: read the text and find the answer. ITA: ANSWER: A. Why? Chris' MCCC LAKE CANYON AMBLON

May 31, 2007



T5S, R5W, U.S.B.&M.



LINE TABLE		
LINE	BEARING	LENGTH
L1	N57°14'05\"W	713.35'

**LEGEND:**

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED. (Not Set On Ground)

(NAD 83)

LATITUDE = 40°02'11.53\" (40.036536)

LONGITUDE = 110°27'27.18\" (110.457550)

(NAD 27)

LATITUDE = 40°02'11.67\" (40.036575)

LONGITUDE = 110°27'24.62\" (110.456839)

**BERRY PETROLEUM COMPANY**

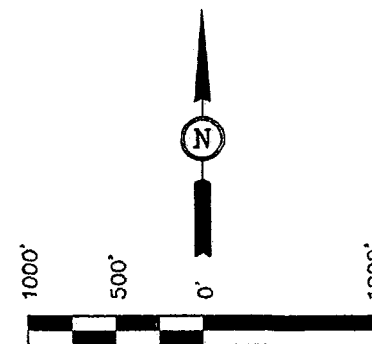
Well location, UTE TRIBAL #4-21D-55, located as shown in the NW 1/4 NW 1/4 of Section 21, T5S, R5W, U.S.B.&M., Duchesne County, Utah.

**BASIS OF ELEVATION**

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

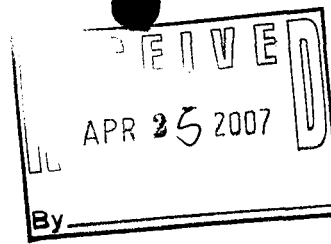
*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-12-07	DATE DRAWN: 05-11-07
PARTY S.H. T.P. P.M.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BERRY PETROLEUM COMPANY	



Berry Petroleum Company,  
Ute Tribal #4-21D-55 well:  
A Cultural Resource Inventory for a well pad,  
its access and pipeline,  
Uintah-Ouray Ute Reservation,  
Duchesne County, Utah

By

James A. Truesdale

James A. Truesdale  
Principle Investigator

Prepared For  
Berry Petroleum Co.  
4000 South 4028 West  
Route 2, Box 7735  
Roosevelt, Utah  
84066

Prepared By  
AN INDEPENDENT ARCHAEOLOGIST  
P.O.Box 153  
Laramie, Wyoming  
82073

Utah Project # U-06-AY-1619(i)

April 12, 2007

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## Introduction

An Independent Archaeologist (AIA) was contacted by a representative of Berry Petroleum Co., to conduct a cultural resources investigation of the proposed Ute Tribal #4-21D-55 well, its access and pipeline. The location of the project area is in the NW/NE 1/4 of Section 21, T5S, R5W, Duchesne County, Utah (Figure 1).

The proposed Ute Tribal #4-21D-55 well's centerstake (Alternate #2) footage is 978' FNL, 1151' FWL. The Universal Transverse Mercator (UTM) centroid coordinate for the proposed Ute Tribal #4-21D-55 well centerstake is Zone 12, North American Datum (NAD) 83, 5/46/148.27 mE 44/31/855.79 mN +5m.

The Ute Tribal #4-21D-55 well's proposed access and pipeline is the existing oil and gas field service road and pipeline that trends north to south along the crest of Cottonwood ridge.

The land surface is administered by the United States, Bureau of Indian Affairs, Phoenix Area Office, Uintah-Ouray Agency, and the Uintah-Ouray Ute tribe, Fort Duchesne, Utah. A total of 10 acres (10 block, 0 linear) was surveyed. Fieldwork was authorized through an access permit issued by the Energy and Minerals Resource Division of the Uintah-Ouray Ute tribe. The fieldwork was conducted on April 3, 2007 by AIA archaeologist James Truesdale and accompanied by Audie Appawoo (technician, Energy and Minerals Resource Division, Uintah-Ouray Ute tribe. All the field notes and maps are located in the AIA office in Laramie, Wyoming.

## File Search

A GIS file search was conducted at the Utah Division of State History (UDSH), Antiquities Section, Records Division for the original Ute Tribal #4-21D-55 well's Alternate #1 location was conducted in November 14, 2006. In addition, AIA's USGS quadrangle Duchesne SW base map was updated from UDSH Records division Duchesne SW base map in November of 2003 and again on February 2, 2004. The UDSH SHPO GIS file search reported six previous projects (U-02-AY-139, U-02-AY-614, U-04-1353, U-04-AY-1553, U-05-AY-1288, U-05-AY-1425) had been conducted in the general area (Section 21, T5S R5W). The files search also indicates that two sites (42DC1513, 42DC2097) have been previously recorded in Section 21 of T5S R5W. Neither site is located near the present project area.

## Environment

Physiographically, the project is located in the Uinta Basin, approximately 25 miles southwest of Myton, Utah. The Uinta Basin



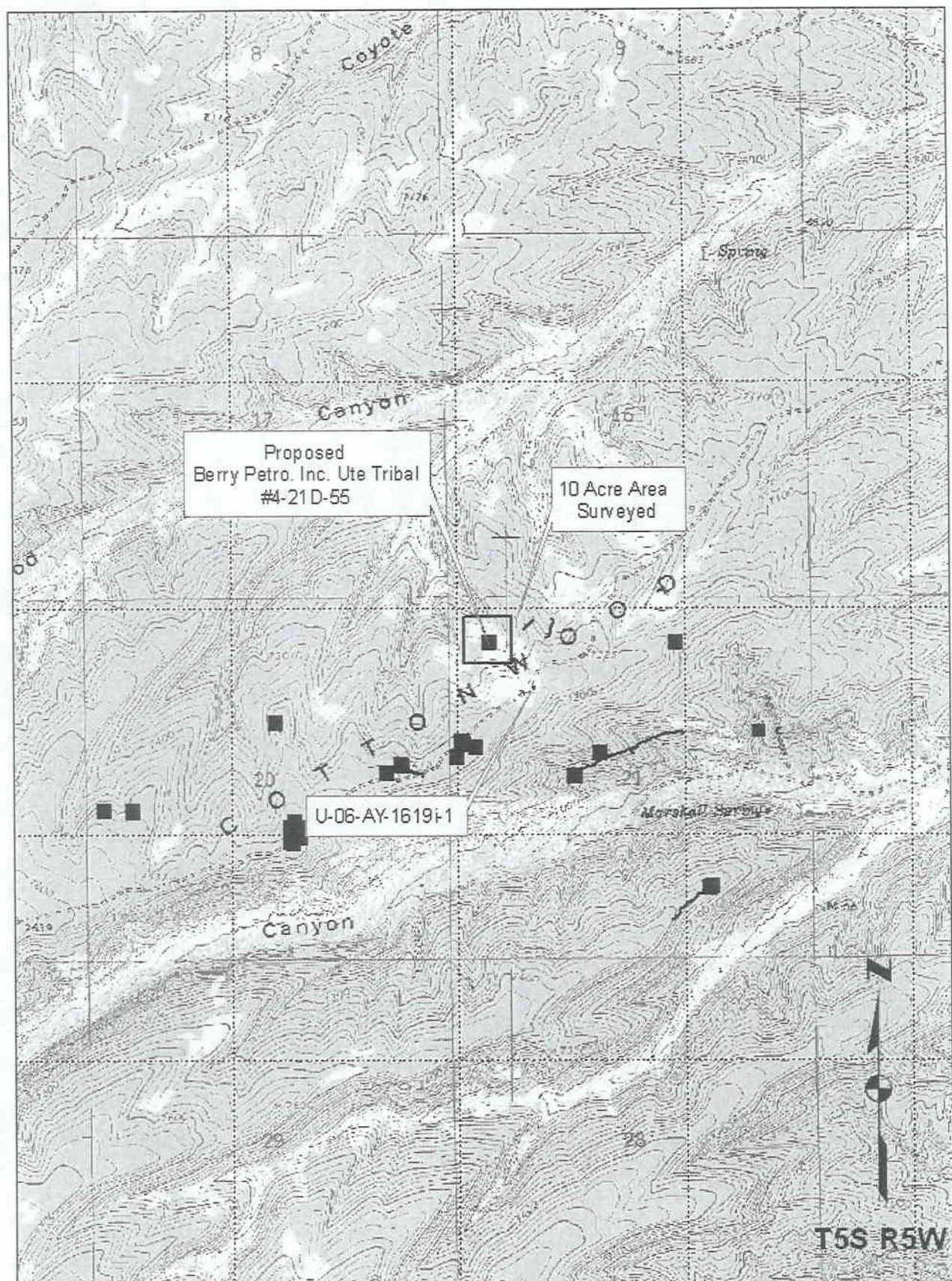


Figure 1. Location of the Berry Petroleum Co.'s proposed Ute Tribal #4-21D-55 well, its access, pipeline and isolate U-06-AY-1619(i)-1 on 7.5'/1964 USGS quadrangle map Duchesne SW, Duchesne County, Utah.

is structurally the lowest part of the Colorado Plateau geographical province (Thornbury 1965:425). The Uinta Basin is a large, relatively flat, bowl shaped, east-west asymmetrical syncline near the base of the Uinta Mountains (Stokes 1986:231). The topography is characteristic of sloping surfaces that incline northward and are mainly dip slopes on the harder layers of Green River and Uinta Formations. The terrain is characterized as having steep ridges and/or buttes of Uintah Formation sandstones and clays dissected by seasonal drainages and washes with wide flat alluvial plains. The basin contains a thick section of more than 9000 feet (2743.9 m) of early Tertiary rocks (Childs 1950). These rocks are mainly Paleocene and Eocene in age and consist of sandstone, clay and shale lacustrine, fluvial, and deltaic continental deposits, most famous of which are the lacustrine Green River Beds.

The project area is located on Cottonwood Ridge. Portions of the desert hardpan and bedrock in the project area are covered with aeolian sand that may reach a depth of over 50 to 100 centimeters in areas. Brundage Canyon drainage trends northeast approximately 4 1/2 miles to Sowers Canyon, which trends northeast 3 miles to Antelope Creek and then 10 miles north to the Duchesne River.

Vegetation in the project area is characteristic of a Pinon/Juniper community. Species observed in the project area include; Pinyon pine (Pinus Edulis), juniper (Juniperus Osteosperma), curl-leaf mountain mahogany (Cercocarpus ledifolius), shadscale (Atriplex confertifolia), sand sage, (Artemesia filifolia), saltbush (Atriplex nuttallii), rabbitbrush (Chrysothamnus viscidiflorus), winterfat (Eurotia lanata), greasewood (Sarcobatus baileyi), Indian ricegrass (Oryzopsis hymenoides), desert needlegrass (Stipa speciosa), wild buckwheat (Eriogonum ovalifolium), silky lupine (Lupinus sericeus), desert globemallow (Bromus tectorum), sky rocket (Gilia aggregata), Tansy leaved evening primrose (Oenothera tanacetifolia), Rydberg's Penstemon (Penstemon rydbergi), Stemless Hymenoxys (Hymenoxys acaulis), Sego Lily (Calochortus nuttallii), peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), Simpson's Hedgehog cactus (Pediocactus simpsonii) and prickly pear cactus (Opuntia spp.).

#### Ute Tribal #4-21D-55

The immediate Berry Petroleum Co.'s proposed Ute Tribal #4-21D-55 well is situated on the top (crest) and northwestern edge of Cottonwood Ridge (Figure 1). Cottonwood Ridge is a large southwest to northeast trending ridge system that lies between Cottonwood Canyon to the northwest and Tabby and Sowers Canyons to the east. Vegetation is dominated by a low sagebrush community. The vegetation consists of mountain mahogany, big sagebrush, bud



sage, buckwheat, yucca, prickly pear cactus and bunchgrasses (wheatgrass, Indian rice grass). A low sagebrush community consisting of sagebrush, saltbush, rabbitbrush, bunchgrasses and prickly pear cactus can be found in the open areas along the broad open flats on top of the ridge. The undisturbed sediments surrounding the well pad are colluvial in nature. This colluvium consists of shallow (< 5 to 10 cm), poorly sorted, loosely compacted, tan to light brown sandy clay loam mixed with small to medium sized flat angular pieces of sandstone. The elevation is 7395.04 feet (2254.57 m) AMSL.



Figure 2. View to north at the proposed Ute Tribal #4-21D-55 centerstake and well pad area.

The Ute Tribal #4-21D-55 well's access is an existing oil and gas field service road and pipeline that trends north to south through the eastern edge of the well pad. The access is the main Cottonwood Ridge access road.

The surrounding landscape exhibits exposures relatively thick ledges of sandstone with thinner layers of clay and shale. The surrounding vegetation is dominated by a Pinion/juniper community with a understory of mountain mahogany, low sagebrush, yucca, bunchgrasses along the hill and ridge slopes, and low sagebrush community in the ridge top flats and open parks.



## Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed Ute Tribal #4-21D-55 well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 meters apart. The proposed access and pipeline is the existing access road and pipeline located adjacent immediately southeast of the Ute Tribal #4-21D-55 well. Therefore, 0 linear acres was surveyed.

Geologic landforms (rock shelters, alcoves, ridge tops and saddles) and areas of subsurface exposure (ant hills, blowouts, rodent holes and burrow, eroding slopes and cut banks) were examined with special care in order to locate cultural resources (sites, isolates) and possibly help assess a site's sedimentary integrity and potential for the presence and/or absence of buried intact cultural deposits. The entire surface area of ridge tops was covered. All exposures of sandstone cliff faces, alcoves or rockshelter, and talus slopes were surveyed.

When cultural materials are discovered, a more thorough survey of the immediate vicinity is conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts are located during the search then the initial artifact was recorded as an isolated find. At times, isolated formal tools (typical end scrapers, projectile points) were drawn and measured. The isolate was then described and its location plotted on a U.S.G.S. topographic map and UTM coordinates are recorded.

When sites are found an Intermountain Antiquities Computer System (IMACS) form was used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) are mapped. Sites were mapped with a Brunton compass and pacing off distances from a mapping station (datum). All debitage is inventoried using standard recording techniques (Truesdale et al 1995:7) according to material type, basic flake type, and so on. Selected (mostly complete) stone tools and projectile points are drawn and measured. All features (rock art panel(s), hearths, foundations, trash dumps and trails) are measured and described, while selected features are either drawn or photographed.

Site location data is recorded by a GARMIN Global Positioning System (GPS III Plus) and/or an E-Trex GPS. Site elevation and Universal Transverse Mercator (UTM) grid data, its Estimated Position Error (EPE) and Dilution of Precision (DOP) were recorded. Using the GPS data, the site location was then placed on a USGS 7.5' quadrangle map.

## Results

A total of 10 acres (10 block, 0 linear) were surveyed for cultural resources within and around the proposed Berry Petroleum Co. Ute Tribal #4-21D-55, and along its access and pipeline. One isolate (U-06-AY-1619i-1) was recorded. The isolate is a single handed sandstone mano. The isolate is considered to be non-significant. No additional cultural resources (sites, isolates) were recorded during the survey.

The proposed access and pipeline is an existing oil and gas field service road and pipeline that is located adjacent immediately southeast of the Ute Tribal #4-21D-55 well. This existing road is the main Cottonwood Ridge road.

Modern trash (plastic soda pop, oil and antifreeze bottles, clear, green, and brown bottle glass, foam insulation and sanitary food cans) can be found throughout the Cottonwood Ridge, Brundage Canyon, Nutters Canyon, Sowers Canyon and Antelope Canyon oil and gas fields, especially along the service roads.

### Isolate

Isolate: U-06-AY-1619i-1

Location: C/SE/SE/NW/NW  $\frac{1}{4}$  Section 21, T5S R5W (Figure 1)

UTM Coordinate: Zone 12, NAD 83, 5/46/306.40mE 44/31/843.91mN +5m

Setting: The isolate is situated approximately 50 feet (15.2 m) east of the Cottonwood Ridge access road on the top of Cottonwood Ridge. Sediments are colluvial in nature. These colluvial sediments are shallow (<5 to 10 cm) and consist of poorly sorted, loosely compacted, tan to light brown, sandy clay loam mixed with tiny to small angular pieces of sandstone, clay and shale. Vegetation is dominated by Pinion pine and juniper trees with an understory of mountain mahogany, sagebrush, salt bush, bunchgrasses and prickly pear cactus. The elevation is 7347.2 feet (2240 m) AMSL.

Description: Isolate U-06-AY-1619(i)-1 is a one handed sandstone mano. The mano is made from a reddish brown sandstone measures 13.01 cm in length, 6.81 cm in width and 5.23 cm in thickness. The mano exhibits a single grinding surface with pecking, striations and some smoothing.

No additional artifacts (chipped or ground stone tools, chipped stone debitage) or features (fire pits, rock cairns) were recorded in association with the isolated mano. Sediments surrounding the isolate are colluvial in nature. These colluvial sediments are shallow (<5 to 10 cm) and consist of poorly sorted, loosely compacted, tan to light brown, sandy clay loam mixed with tiny to small angular pieces of sandstone, clay and shale. Thus

the possibility of buried and intact cultural materials associated with the isolate is low. The isolate is considered to be non-significant.

### Recommendations

A total of 10 acres (10 block, 0 linear) were surveyed for cultural resources within and around the proposed Berry Petroleum Co. Ute Tribal #4-21D-55 and along its access and pipeline. One isolate (U-06-AY-1619i-1) was recorded. The isolate is a single handed sandstone mano. The isolate is considered to be non-significant. No additional cultural resources (sites, isolates) were recorded during the survey.

The proposed access and pipeline is an existing oil and gas field service road and pipeline that is located adjacent immediately southeast of the Ute Tribal #4-21D-55 well. This existing road is the main Cottonwood Ridge road.

The isolate is located 50 feet (15.2 m) east of the road, while the proposed Ute Tribal #4-21D-55 well is located on the west side of the road. The isolate will not be impacted by subsequent construction of the well, its access or pipeline.

Sediments on the proposed well pad and along its access and pipeline are shallow (<5 to 10 cm). Therefore, the possibility of buried and intact cultural materials located on the proposed well pad or along its, access and pipeline is low. Thus, no additional archaeological work is necessary and clearance is recommended for the construction of the proposed Ute Tribal #4-21D-55 well pad, its access and pipeline.

## REFERENCES CITED

Childs, O.E.

1950 Geologic history of the Uinta Basin, Utah Geological and Mineralogical Survey. Guidebook to the Geology of Utah, No. 5:49-59.

Stokes, William Lee

1986 Geology of Utah. Contributions by Utah Museum of Natural History, and the Utah Geological and Mineral Survey Department of Natural Resources. Utah Museum of Natural History, Occasional Papers, Number 6.

Thornbury, William D.

1965 Regional Geomorphology of the United States. John Wiley & Sons, Inc.

Truesdale, James A., Kathleen E. Hiatt, and Clifford Duncan

1995 Cultural Resource Inventory of the Proposed Ouray Gravel Pit Location, Uintah-Ouray Ute Reservation, Uintah County, Utah. Report prepared for U & W Construction, Ft. Duchesne, Utah by AIA, Laramie, Wyoming.

**BERRY PETROLEUM COMPANY**  
**UTE TRIBAL #4-21D-55 & #G-21D-55**  
 LOCATED IN DUCHESNE COUNTY, UTAH  
 SECTION 21, T5S, R5W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**04 19 07**  
 MONTH DAY YEAR

**PHOTO**

TAKEN BY: S.H.

DRAWN BY: C.P.

REVISED: 00-00-00



# BERRY PETROLEUM COMPANY

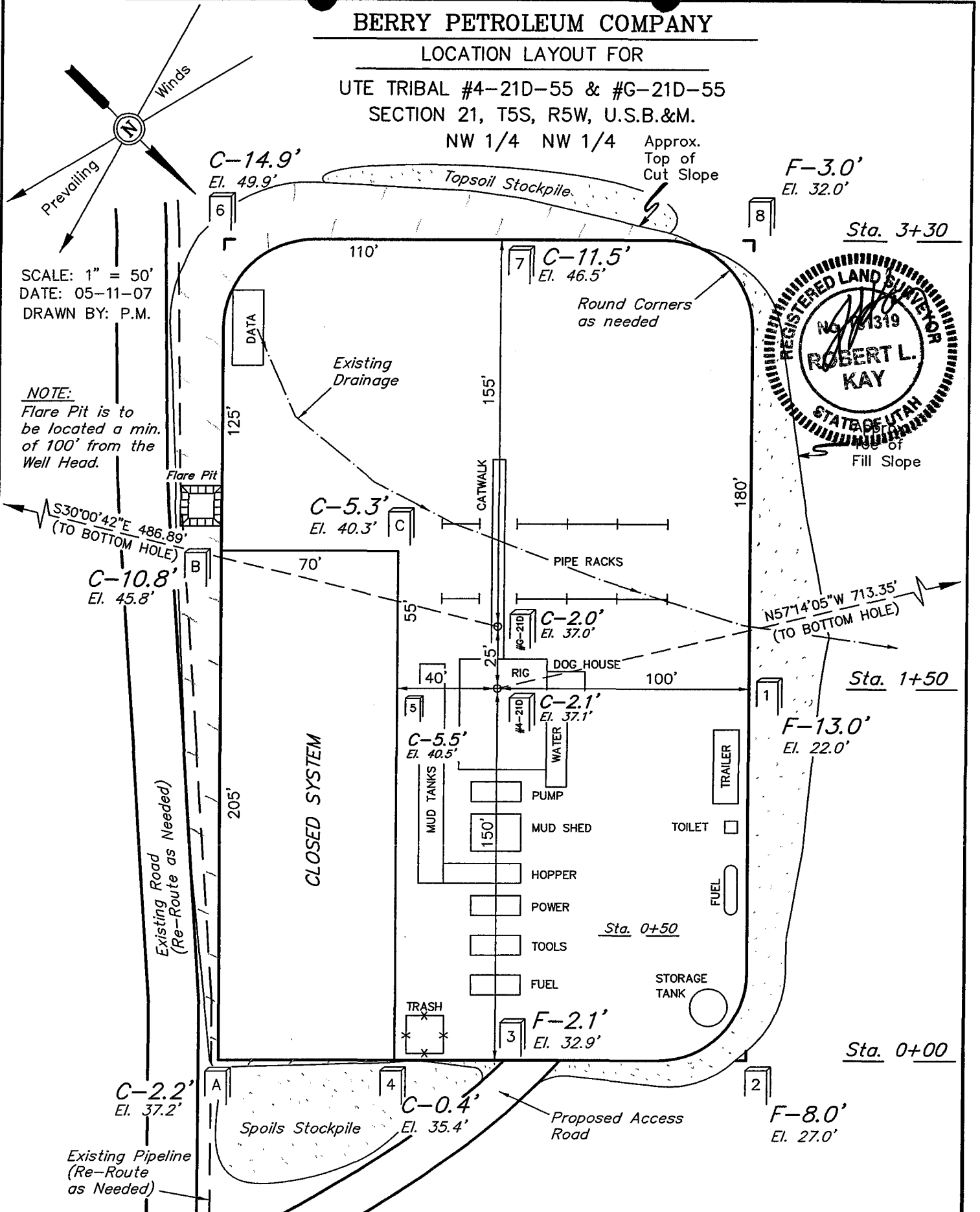
## LOCATION LAYOUT FOR

UTE TRIBAL #4-21D-55 & #G-21D-55

SECTION 21, T5S, R5W, U.S.B.&M.

NW 1/4 NW 1/4

Approx.  
Top of  
Cut Slope



Elev. Ungraded Ground at #4-21D Loc. Stake = 7337.1'

Elev. Graded Ground at #4-21D Loc. Stake = 7335.0'

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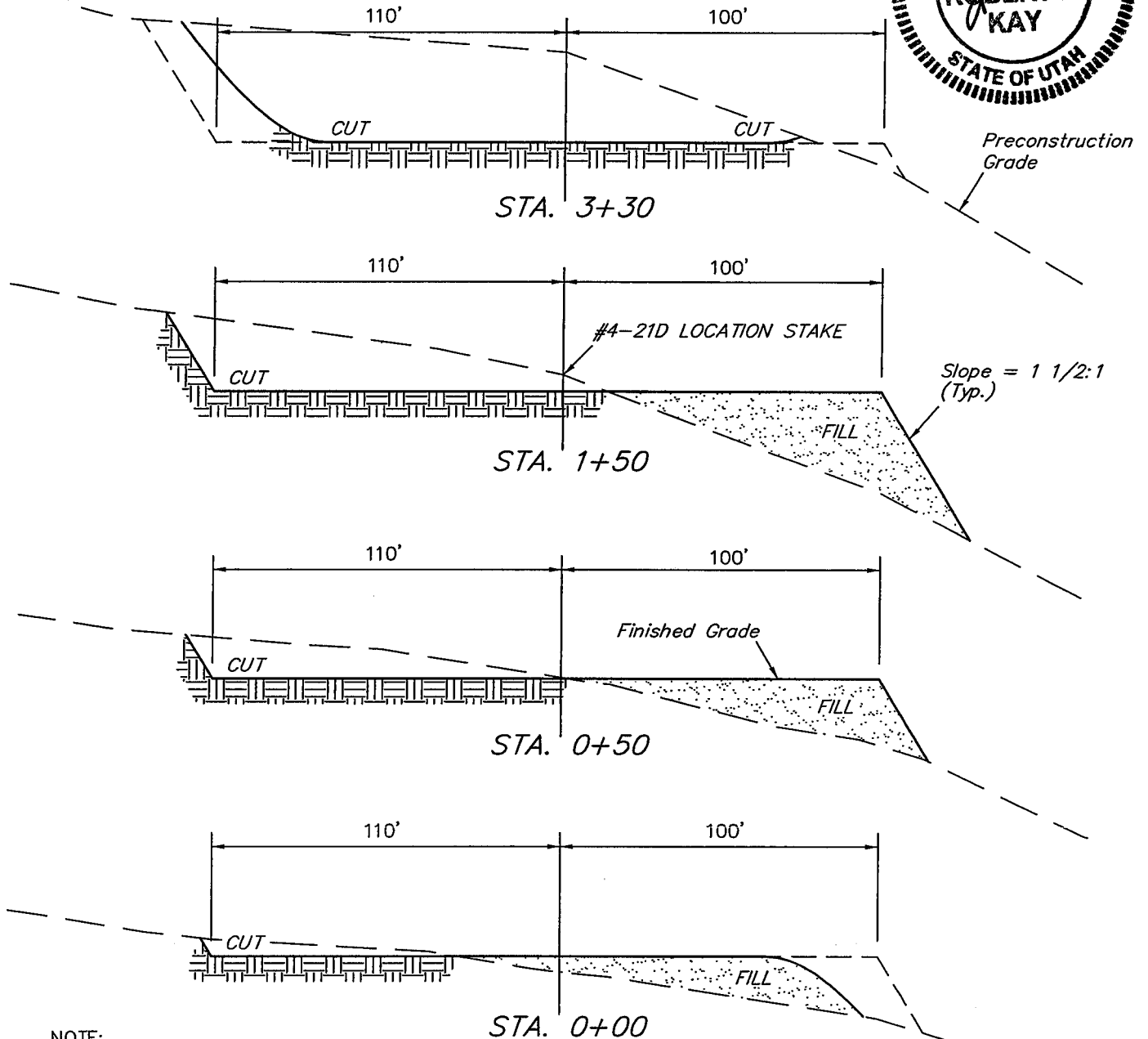
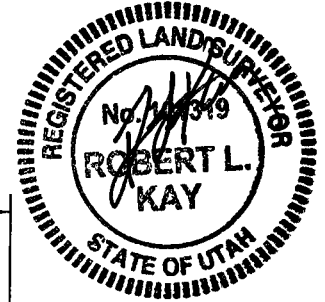
# BERRY PETROLEUM COMPANY

## TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #4-21D-55 & #G-21D-55  
SECTION 21, T5S, R5W, U.S.B.&M.  
NW 1/4 NW 1/4

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 05-11-07  
DRAWN BY: P.M.



### NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT  
(12") Topsoil Stripping = 3,230 Cu. Yds.  
Remaining Location = 9,240 Cu. Yds.  
  
TOTAL CUT = 12,470 CU.YDS.  
FILL = 7,400 CU.YDS.

EXCESS MATERIAL = 5,070 Cu. Yds.  
Topsoil = 3,230 Cu. Yds.

EXCESS UNBALANCE = 1,840 Cu. Yds.  
(After Interim Rehabilitation)

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## LOCATION LAYOUT FOR

SECTION 21, T5S, R5W, U.S.B.&amp;M.

NW 1/4      NW 1/4

Approx.  
Top of  
Cut Slope

F-3.0'  
El. 32.0'

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

C-20.8'  
El. 45.8'  
(Btm.Pit)

**Total Pit Capacity**  
**W/2' of Freeboard**  
**= 13,920 Bbls ±**  
**Total Pit Volume**  
**= 3,900 Cu. Yds.**

RESERVE PITS  
(10' Deep)

C-12.2  
El. 37.2'  
(Btm. Pit)

Existing Pipeline  
(Re-Route  
as Needed) —

Elev. Ungraded Ground at #4-21D Loc. Stake = 7337.1'

Elev. Graded Ground at #4-21D Loc. Stake = 7335.0'

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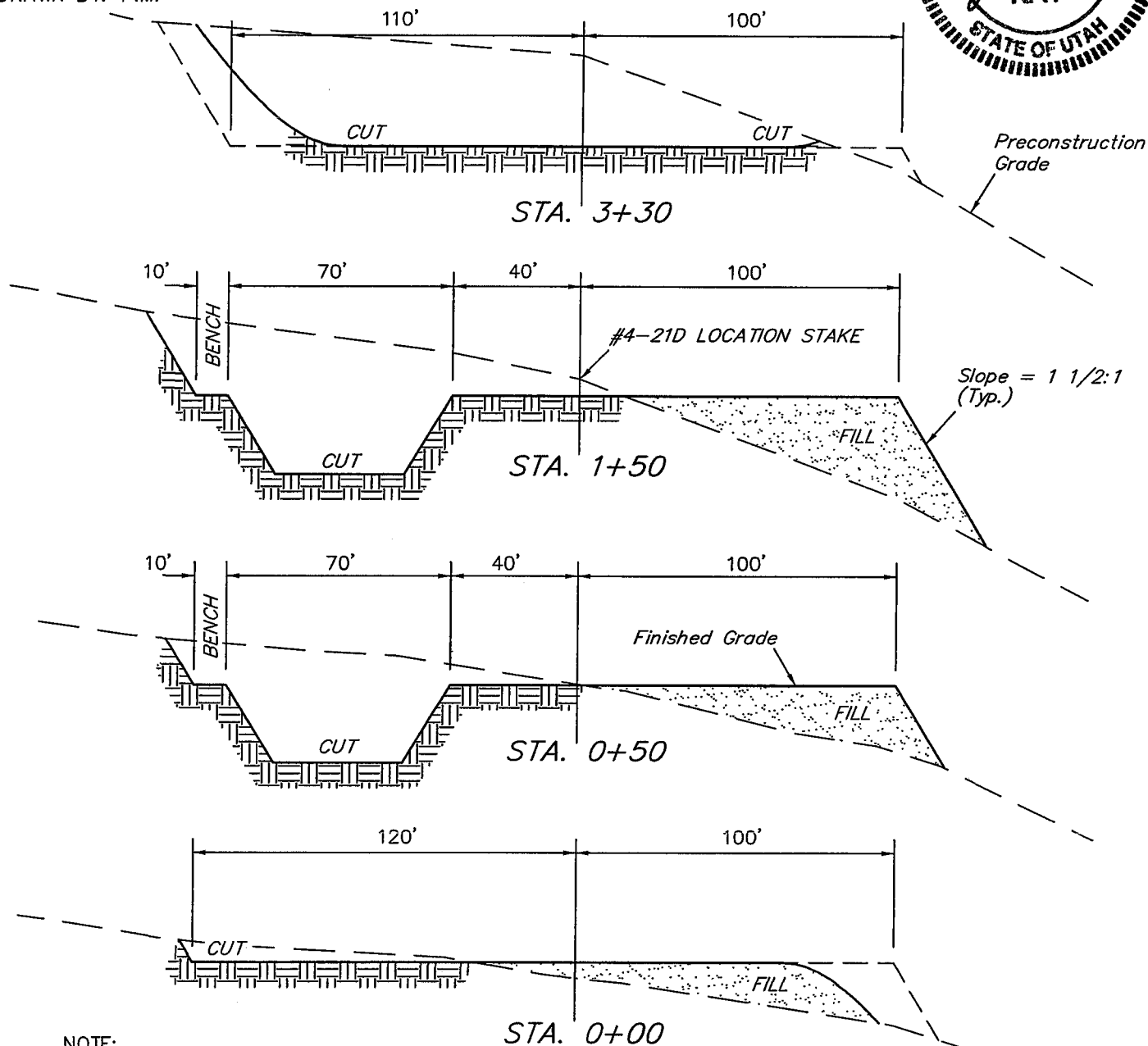
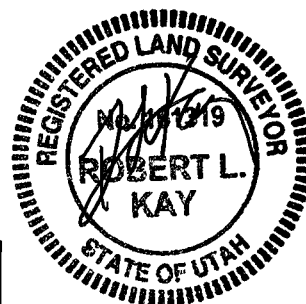
# BERRY PETROLEUM COMPANY

## TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #4-21D-55 & #G-21D-55  
SECTION 21, T5S, R5W, U.S.B.&M.  
NW 1/4 NW 1/4

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 05-11-07  
DRAWN BY: P.M.



### NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 3,410 Cu. Yds.  
Remaining Location = 13,730 Cu. Yds.

TOTAL CUT = 17,140 CU.YDS.

FILL = 7,410 CU.YDS.

EXCESS MATERIAL = 9,730 Cu. Yds.

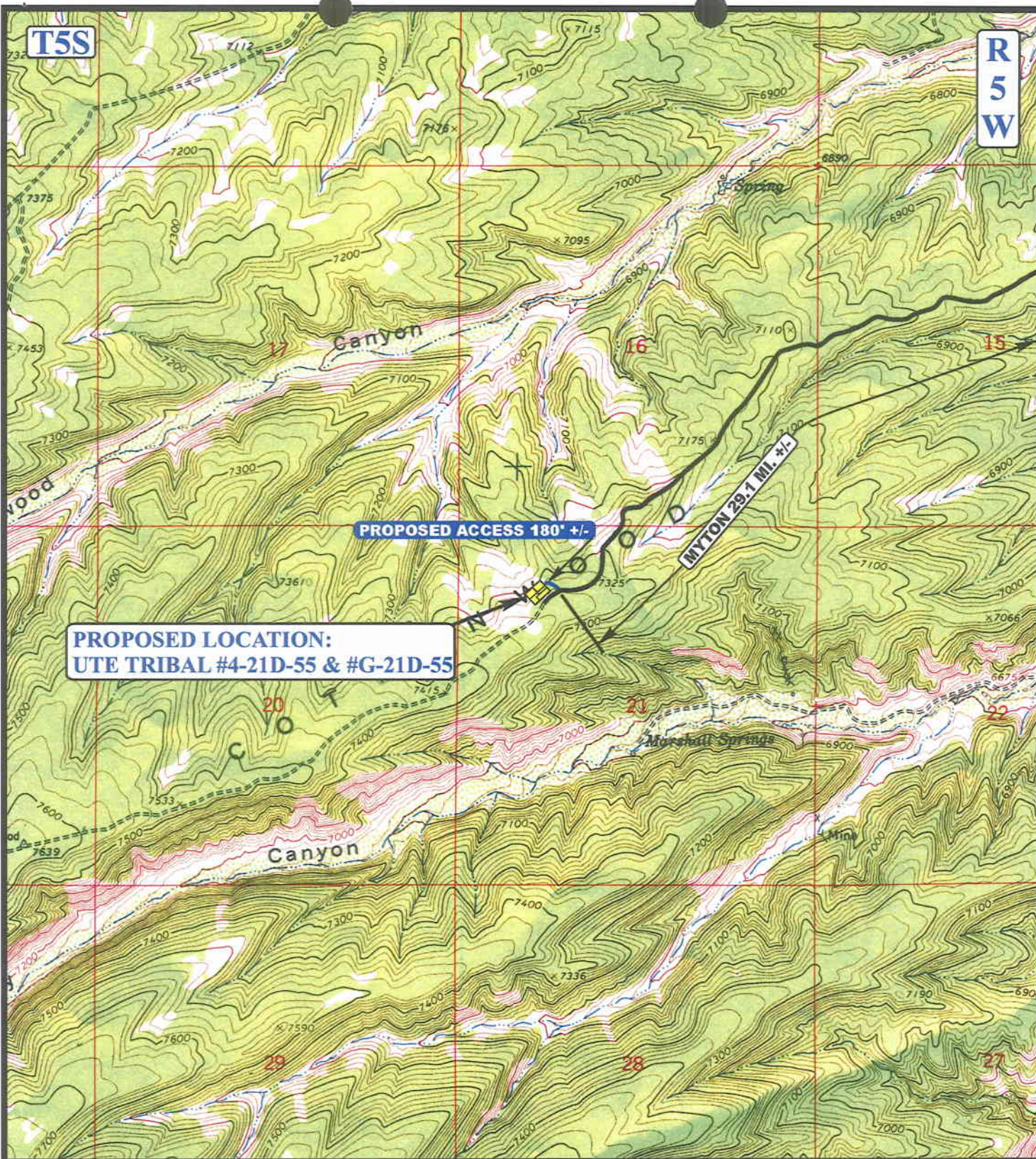
Topsoil & Pit Backfill = 5,360 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 4,370 Cu. Yds.  
(After Interim Rehabilitation)

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# LEGEND:

EXISTING ROAD  
 PROPOSED ACCESS ROAD



BERRY PETROLEUM COMPANY

UTE TRIBAL #4-21D-55 & #G-21D-55  
 SECTION 21, T5S, R5W, U.S.B.&M.  
 NW 1/4 NW 1/4



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

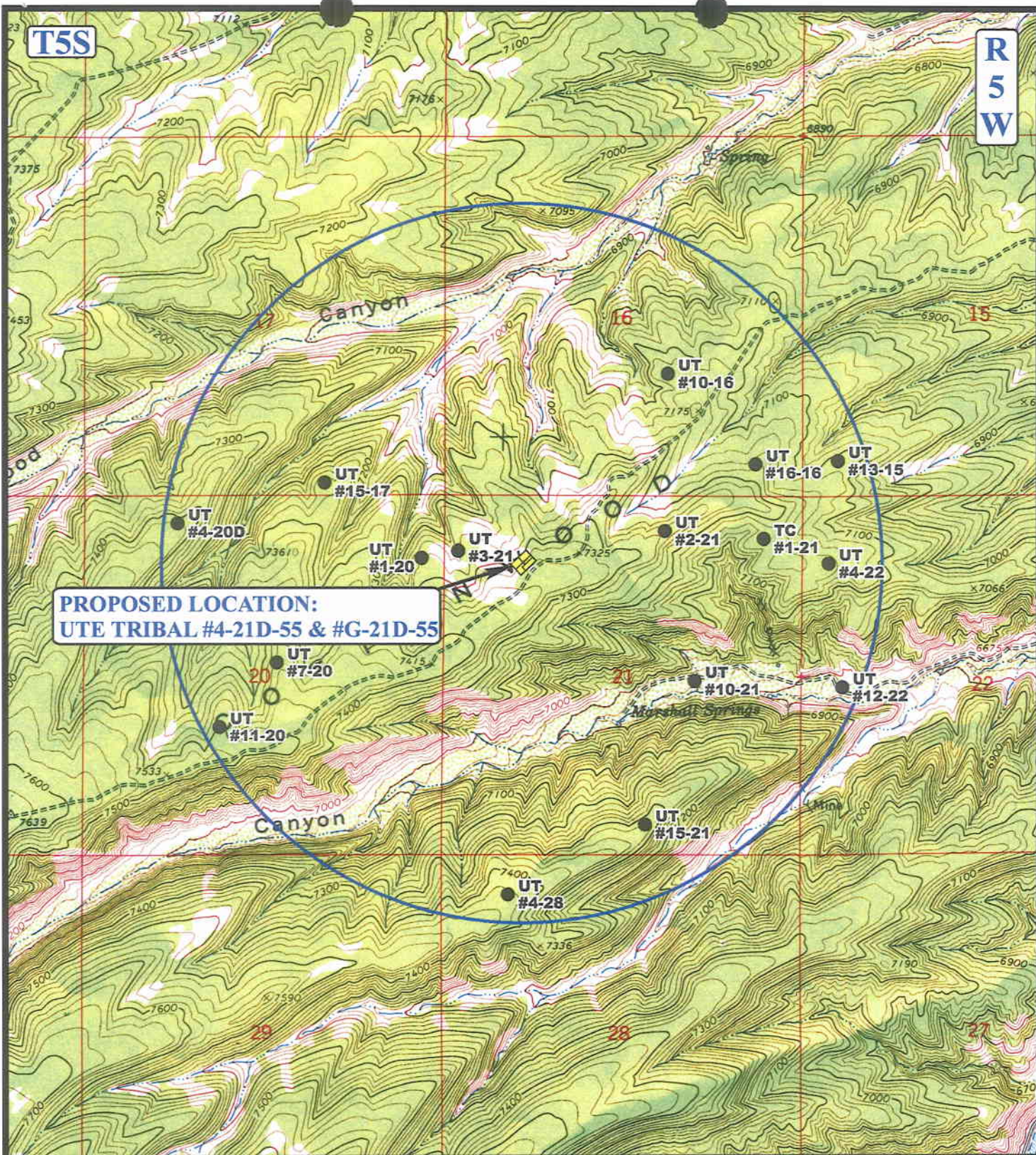
TOPOGRAPHIC  
 MAP

04 19 07  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







### LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



### BERRY PETROLEUM COMPANY

**UTE TRIBAL #4-21D-55 & #G-21D-55**  
**SECTION 21, T5S, R5W, U.S.B.&M.**  
**NW 1/4 NW 1/4**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

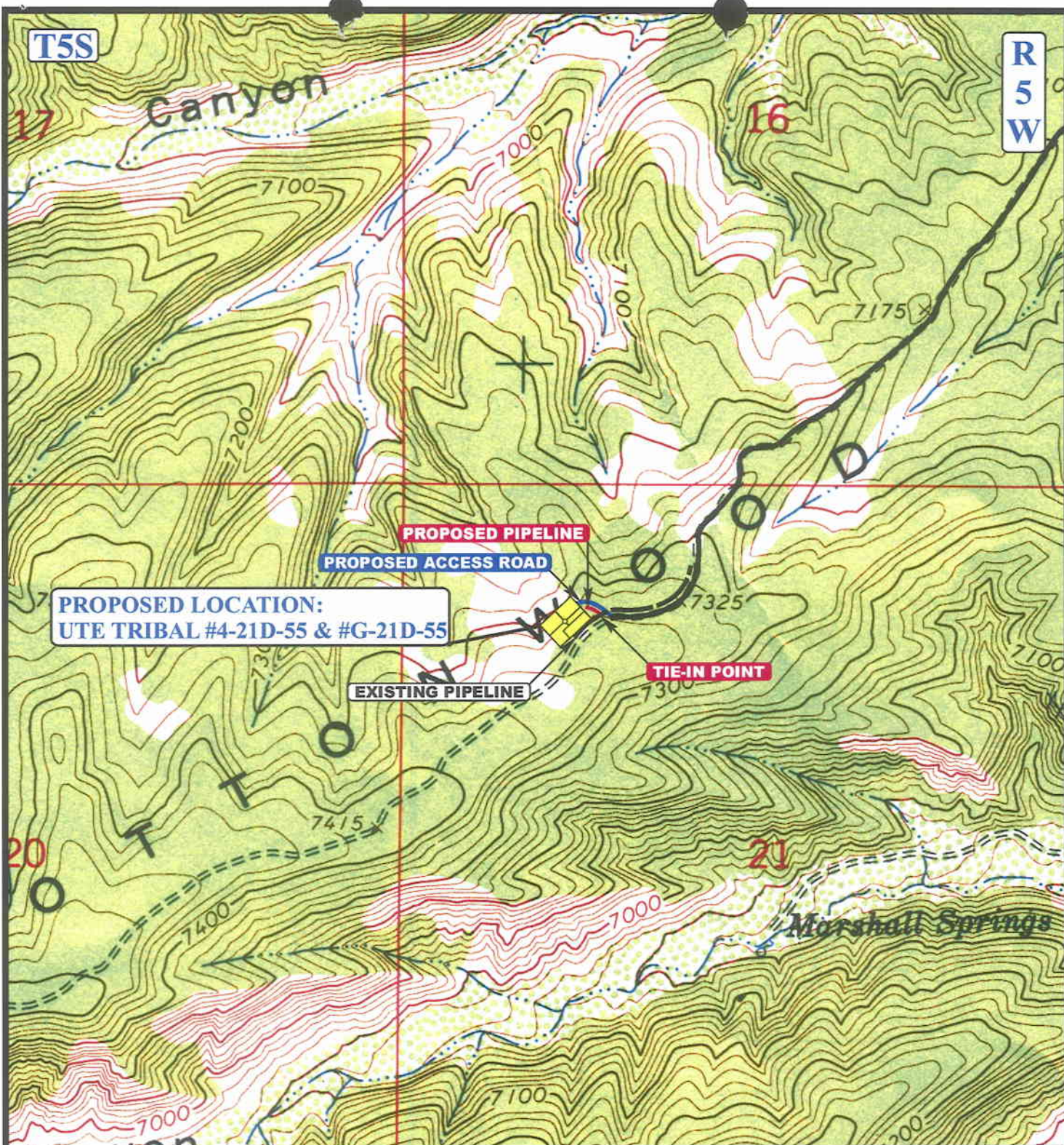
**TOPOGRAPHIC  
MAP**

**04 19 07**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 120' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**BERRY PETROLEUM COMPANY**

**UTE TRIBAL #4-21D-55 & #G-21D-55**  
**SECTION 21, T5S, R5W, U.S.B.&M.**  
**NW 1/4 NW 1/4**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**04 19 07**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00





**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/15/2007

API NO. ASSIGNED: 43-013-33696

WELL NAME: UTE TRIBAL 4-21D-55

OPERATOR: BERRY PETROLEUM COMPANY ( N2480 )

PHONE NUMBER: 435-722-1325

CONTACT: SHELLY CROZIER

PROPOSED LOCATION:

NWNW 21 050S 050W

SURFACE: 0978 FNL 1151 FWL

BOTTOM: 0593 FNL 0555 FWL

COUNTY: DUCHESNE

LATITUDE: 40.03663 LONGITUDE: -110.4572

UTM SURF EASTINGS: 546306 NORTHINGS: 4431754

FIELD NAME: BRUNDAGE CANYON ( 72 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-4825

PROPOSED FORMATION: GRRV

SURFACE OWNER: 2 - Indian

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. RLB0005651 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-11041 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

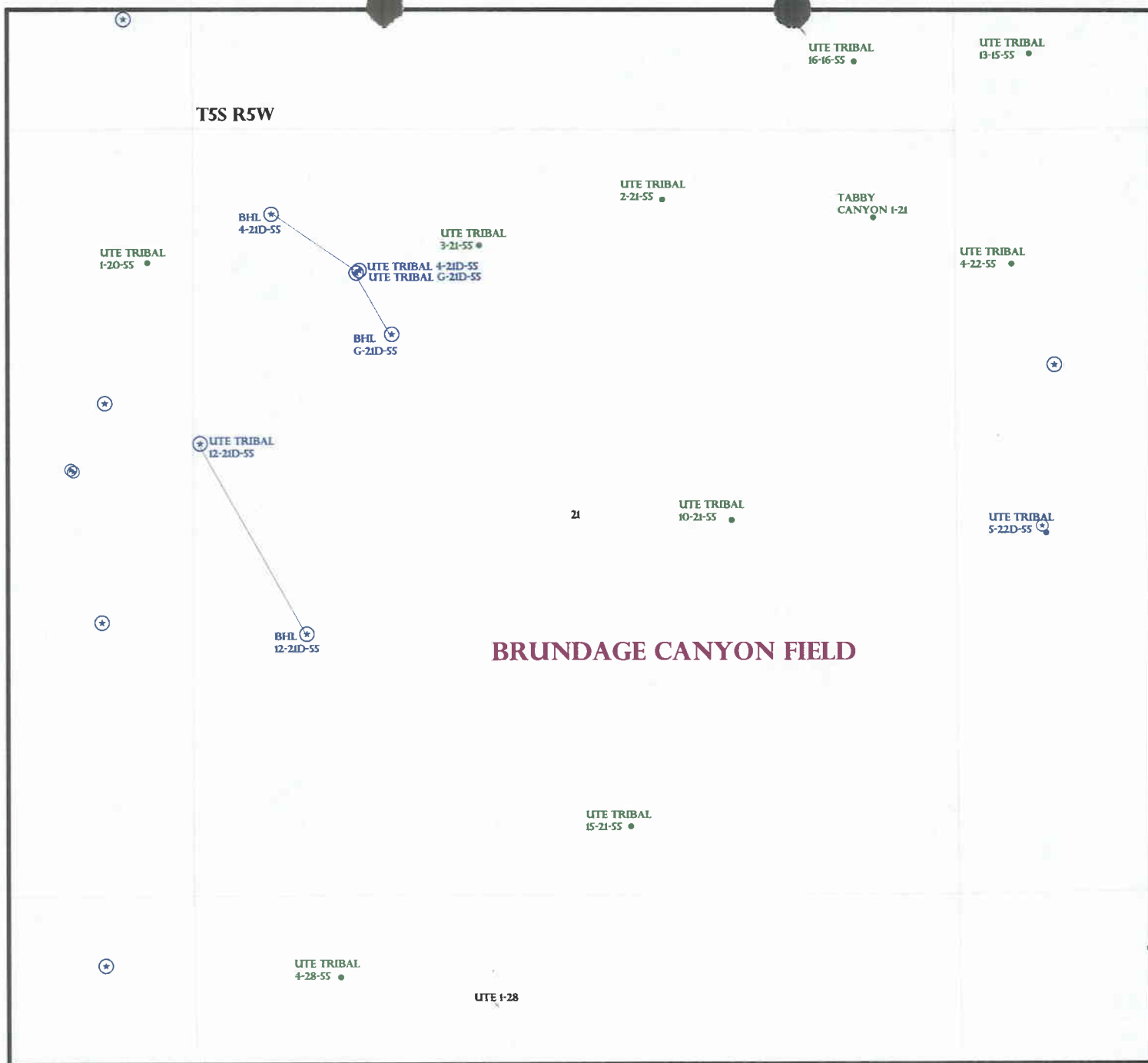
\_\_\_ R649-2-3.  
Unit: \_\_\_\_\_  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
☒ R649-3-11. Directional Drill

COMMENTS:

*Sep, Separate file*

STIPULATIONS:

*1. Sealed Approval  
2. Spacing Slip*



OPERATOR: BERRY PETRO CO (N2480)

SEC: 21 T.5S R.5W

FIELD: BRUNDAGE CANYON (72)

COUNTY: DUCHESNE

SPACING: R649-3-11 / DIRECTIONAL DRILLING

**Field Status**

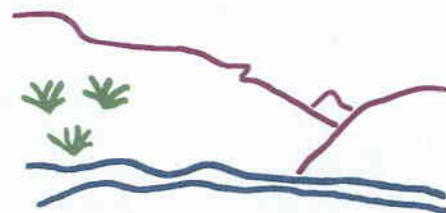
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 18-JUNE-2007



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

June 18, 2007

Berry Petroleum Company  
Rt. 2, Box 7735  
Roosevelt, UT 84066

Re: Ute Tribal 4-21D-55 Well, Surface Location 978' FNL, 1151' FWL, NW NW, Sec. 21,  
T. 5 South, R. 5 West, Bottom Location 593' FNL, 555' FWL, NW NW, Sec. 21,  
T. 5 South, R. 5 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33696.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office





Operator: Berry Petroleum Company  
Well Name & Number Ute Tribal 4-21D-55  
API Number: 43-013-33696  
Lease: 14-20-H62-4825

Surface Location: NW NW Sec. 21 T. 5 South R. 5 West  
Bottom Location: NW NW Sec. 21 T. 5 South R. 5 West

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

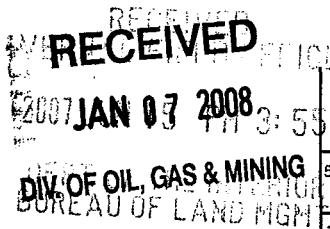
- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-4825
1b. Type of Well: <input checked="" type="checkbox"/> Oil well <input type="checkbox"/> Gas well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single zone <input type="checkbox"/> Multiple zone		6. If Indian, Allottee or Tribe Name UTE
2. Name of Operator BERRY PETROLEUM COMPANY		7. Unit or CA Agreement, Name and No. UTU- 76965
3a. Address 4000 SOUTH 4028 WEST RT. 2 BOX 7735, ROOSEVELT, UT. 84066	3b. Phone No. (include area code) (435) 722-1325	8. Lease Name and Well No. UTE TRIBAL 4-21D-55
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface (NW/NW) 978' FNL, 1151' FWL At proposed prod. zone (NW/NW) 593' FNL, 555' FWL NAD 27 40.036575 LAT 110.456839 LONG		9. API Well No. 43.013.33696
11. Sec., T. R. M. or BLK. and Survey or Area SEC. 21, T.5S., R.5W. U.S.B.&M.		10. Field and Pool, or Exploratory BRUNDAGE CANYON
14. Distance in miles and direction from nearest town or post office* 29.1 MILES FROM MYTON, UTAH		12. County or Parrish DUCHESNE
15. Distance from proposed* location to nearest property of lease line, ft. (Also to nearest drig. Unit line, if any) 978'		13. State UTAH
16. No. of acres in lease 640		17. Spacing Unit dedicated to this well 40
18. Distance from proposed* to nearest well, drilling, completed, applied for, on this lease, ft. 1000'		20. BLM/BIA Bond No. on file UTB000035 / RLB0005750
21. Elevations (Show whether DF, KDB, RT, GR, etc.) 7335' GR		22. Approximate date work will start* REFER TO BPC SOP PLAN
		23. Estimated duration REFER TO BPC SOP PLAN

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) SHELLEY E. CROZIER	Date 06/13/07
Title REGULATORY & PERMITTING SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kewala	Date 12-27-2007
Title Assistant Field Manager Lands & Mineral Resources VERNAL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Berry Petroleum Company      **Location:** NWNW Sec. 21, T5S, R5W  
**Well No:** Ute Tribal 4-21D-55      **Lease No:** 14-20-H62-4825  
**API No:** 43-013-33696      **Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice	-	Within Five (5) business days after new well begins or

(Notify Petroleum Engineer)	production resumes after well has been off production for more than ninety (90) days.
-----------------------------	---

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

**Specific Surface COAs**

**Additional Stipulations:**

Paint tanks Desert Tan.

Keep pipeline away from trees.

**General Conditions of Approval:**

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.

- You are hereby notified that working under the “umbrella” of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement “Safety and Emergency Plan.” The Company’s safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- Production casing cement shall be brought up and into the surface.
- All blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the

person making the report along with a telephone number should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.



## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ¼¼, Sec., Twn, Rng, and P.M..
  - Date well was placed in a producing status date of first production for which royalty will be paid.
  - The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER: \_\_\_\_\_

2. Name of Operator:

**BERRY PETROLEUM COMPANY**

3. Address and Telephone Number:

**4000 SOUTH 4028 WEST, RT. 2 BOX 7735 ROOSEVELT, UTAH 84066 (435) 722-1325**

4. Location of Well:

Footages: **978' FNL, 1151' FWL BH BHL: 593' FNL, 555' FWL**

QQ, Sec., T., R., M.: **NW/NW SEC. 21, T5S, R5W USB&M**

5. Lease Designation and Serial Number:

**14-20-H62-4825**

6. If Indian, Allottee or Tribe Name:

**UTE TRIBE**

7. Unit Agreement Name:

**UTU-76965**

8. Well Name and Number:

**UTE TRIBAL 4-21D-55**

9. API Well Number:

**43-013-33696**

10. Field and Pool, or Wildcat:

**BRUNDAGE CANYON**

County: **DUCHESNE,**

State: **UTAH**

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <b>ONE YEAR EXTENSION</b> |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**BERRY PETROEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION  
TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.**

STATE BOND #RLB0005651

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 06-18-08

Date: 6-19-2008

By: [Signature]

Initials: KS

13

Name & Signature: SHELLEY E. CROZIER [Signature] Title: REGULATORY & PERMITTING SPECIALIST Date: 06/16/08

(This space for Federal or State office use)

**RECEIVED**

**JUN 18 2008**

**DIV. OF OIL, GAS & MINING**

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33696  
**Well Name:** UTE TRIBAL 4-21D-55  
**Location:** (NW/NW) 978' FNL, 1151' FWL, SEC. 21-T5S-R5W  
**Company Permit Issued to:** BERRY PETROLEUM COMPANY  
**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Shelley Crozier  
Signature

6/16/2008  
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

RECEIVED

JUN 18 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4825
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY: Roosevelt STATE: UT ZIP: 84066		7. UNIT or CA AGREEMENT NAME: UTU-76965
4. LOCATION OF WELL FOOTAGES AT SURFACE: 978' FNL, 1151' FWL BHL: 593' FNL, 555' FWL COUNTY: DUCHESNE		8. WELL NAME and NUMBER: UTE TRIBAL 4-21D-55
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 21 T5S R5W STATE: UTAH		9. API NUMBER: 4301333696
		10. FIELD AND POOL, OR WILDCAT: BRUNDAGE CANYON

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

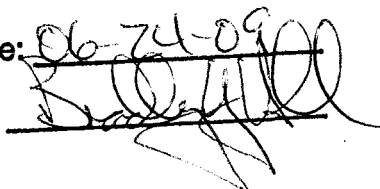
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1 YEAR EXTENSION
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

Approved by the  
Utah Division of  
Oil, Gas and Mining

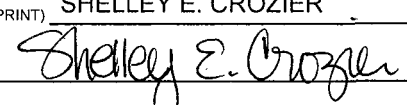
STATE BOND # RLB0005651

Date: 06-24-09  
By: 

COPY SENT TO OPERATOR

Date: 6-25-2009

Initials: KS

NAME (PLEASE PRINT) SHELLEY E. CROZIER	TITLE REGULATORY & PERMITTING SPECIALIST
SIGNATURE 	DATE 6/16/2009

(This space for State use only)

RECEIVED

JUN 22 2009

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33696  
**Well Name:** UTE TRIBAL 4-21D-55  
**Location:** (NW/NW) 978' FNL, 1151' FWL, SEC. 21-T5S-R5W  
**Company Permit Issued to:** BERRY PETROLEUM COMPANY  
**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Shelley E. Crozier  
Signature

6/16/2009  
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

**RECEIVED**

**JUN 22 2009**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
14-20-H62-4825

6. If Indian, Allottee or Tribe Name

UTE

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No.  
UTU-76965

8. Well Name and No.  
UTE TRIBAL 4-21D-55

9. API Well No.  
4301333696

10. Field and Pool or Exploratory Area  
BRUNDAGE CANYON

11. Country or Parish, State  
DUCHESNE COUNTY, UTAH

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
BERRY PETROLEUM COMPANY

3a. Address  
4000 SOUTH 4028 WEST, RT. 2, BOX 7735  
ROOSEVELT, UTAH 84066

3b. Phone No. (include area code)  
(435) 722-1325

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

978' FNL, 1151' FWL BHL: 593' FNL, 555' FWL (NWNW) SEC. 21-T5S-R5W

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

1 YR. EXTENSION

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

RECEIVED  
DEC - 1 2009  
BLM VERNAL, UTAH

RECEIVED  
DEC 31 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

SHELLEY E. CROZIER

Title REGULATORY & PERMITTING SPECIALIST

Signature

*Shelley E. Crozier*

Date 12/01/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

Petroleum Engineer

Date

DEC 17 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

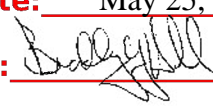
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UDOGM



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4825
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> BERRY PETROLEUM COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 4-21D-55
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0978 FNL 1151 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 21 Township: 05.0S Range: 05.0W Meridian: U		<b>9. API NUMBER:</b> 43013336960000
<b>PHONE NUMBER:</b> 303 999-4044 Ext		<b>9. FIELD and POOL or WILDCAT:</b> BRUNDAGE CANYON
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/18/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION          OTHER: _____       </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> BERRY PETROLEUM RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL BOR THE ABOVE SUBJECT WELL BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> May 25, 2010 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Kathy K. Fieldsted	<b>PHONE NUMBER</b> 435 722-1325	<b>TITLE</b> Sr. Regulatory & Permitting Tech.
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/24/2010

**RECEIVED** May 24, 2010



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43013336960000

**API:** 43013336960000

**Well Name:** UTE TRIBAL 4-21D-55

**Location:** 0978 FNL 1151 FWL QTR NWNW SEC 21 TWNP 050S RNG 050W MER U

**Company Permit Issued to:** BERRY PETROLEUM COMPANY

**Date Original Permit Issued:** 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Kathy K. Fieldsted

**Date:** 5/24/2010

**Title:** Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY **Date:** May 25, 2010

**By:** 

**RECEIVED** May 24, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS** NOV 15 2010  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No. 1420H624825
6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
7. If Unit or CA/Agreement, Name and/or No. UTU76965
8. Well Name and No. UTE TRIBAL 4-21D-55
9. API Well No. 43-013-33696-00-X1
10. Field and Pool, or Exploratory BRUNDAGE CANYON
11. County or Parish, and State DUCHESNE COUNTY, UT

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator BERRY PETROLEUM COMPANY	
Contact: KATHY K FIELDSTED E-Mail: kkf@bry.com	
3a. Address 4000 SOUTH 4028 WEST ROOSEVELT, UT 84066	3b. Phone No. (include area code) Ph: 435-722-1325 Fx: 435-722-1321
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T5S R5W NWNW 975FNL 1151FWL	

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BERRY PETROLEUM RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.

THE APD WAS ORIGINALLY APPROVED ON DECEMBER 27, 2007. ON DECEMBER 1, 2009 AN ADDITIONAL ONE (1) YEAR EXTENSION WAS APPROVED. THIS EXTENSION SHOULD HAVE BEEN FOR TWO YEARS AND SO WE ARE REQUESTING THE ADDITIONAL YEAR EXTENSION FOR THE UTE TRIBAL 4-21D-55.

RECEIVED

MAR 14 2011

DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE	
ENG. <i>CD</i>	DATE FEB 25 2011
GEOL. _____	
E.S. _____	
PET. _____	
_____	

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #94962 verified by the BLM Well Information System For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 10/18/2010 (11GJ22955B)	
Name (Printed/Typed) KATHY K FIELDSTED	Title SR. REG & PERMITTING TECH
Signature (Electronic Submission)	Date 10/15/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**DENIED**

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE

FEB 25 2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOCM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

# **APD Extension – Denied**

## **Berry Petroleum Company**

### **Notice of Intent**

**Lease:** 14-20-H62-4825  
**Well:** Ute Tribal 4-21D-55  
**Location:** NWNW Sec 21-T5S-R5W

An extension for the referenced APD is not granted for the following conditions:

---

1. Onshore Order 1, Section III, Subpart G, regarding APD Extensions, stipulates that an operator must submit “a written request before the expiration of the original approval...” Your request arrived 9 months after the original APD approval period ended.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-4430.

AFMSS Well Header Review (GLB.90)

Doc. No. 09MIC0381A API No 4301333696 00 X1 APD Type APD Received Date 06/15/2007  
Well Name UTE TRIBAL Number 4-21D-55 Proprietary I Exp. Date NDS Recv

Operator Customer No. Change Effective Date District VERNAL FIELD OFFICE  
Name BERRY PETROLEUM COMPANY Lease SRP Case Number 1420H624825 Type TRIBAL Lse Type IT Case Name  
City ROOSEVELT State UT Agmt SRP Agmt UTU76965 318928 CA UTU76965  
Phone 435 722 1325 Ext. Reservation UINTAH AND OURAY Well Type OIL Exp/Dry DEV  
Contact Phone Ext. Allottee N Status AAPD Effective 12/27/2007

Bond Bond Abstract  
Depths Meas Proposed True Meas Actual True  
Surface 0  
Entry Pt  
Exit Pt  
Kick Off Pt  
Bottom 6200  
Fields/Pools BRUNDAGE CANYON Maint  
Formations DOUGLAS CREEK Maint CASTLE PEAK  
State UT Meridian UBM Survey Rectangular Survey NAD83  
Description

Location Type	County	Twp	Range	Sec	Aliquot	NS-foot	EW-foot	Latitude	Longitude	Lot	Tract
Surface	DUCHESNE	5S	5W	21	NWNW	975FNL	1151FWL				
Entry Pt											
Exit Pt											
Kick Off Pt											
Bottom	DUCHESNE	5S	5W	21	NWNW	593FNL	555FWL				

Save Clear Copy Next Previous Top Bottom Print Exit Remarks

WellHeader is editing 1 existing records Rec 1 Of 1 Remarks 0  
Add Completion Add Sidetrack Well Cmpln - General  
APD Info NDS Info Well Inspection Maint

# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



IN REPLY REFER TO:  
3160 (UTG011)

**MAR 25 2011**

Kathy K. Fieldsted  
Berry Petroleum Company  
4000 South 4028 West  
Roosevelt, UT 84066

Re: Notice of Expiration  
Well No. Ute Tribal 4-21D-55  
NWNW, Sec. 21, T5S, R5W  
Duchesne County, Utah  
Lease No. 14-20-H62-4825  
CA UTU76965

43 013 33696

Dear Ms. Fieldsted:

The Application for Permit to Drill (APD) for the above-referenced well was approved on December 27, 2007. A one (1) year extension of the original APD was requested. The request was reviewed and the extension was approved until December 27, 2010. Another extension request was received on November 15, 2010, and this request was denied on February 25, 2011 due to a written request not received before the expiration of the original APD approval. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Cindy Severson at (435) 781-4455.

Sincerely,

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

**RECEIVED**

**MAR 29 2011**

**DIV. OF OIL, GAS & MINING**

cc: UDOGM  
BIA  
Ute Tribe



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 26, 2011

Kathy Fieldsted  
Berry Petroleum Company  
Rt. 2, Box 7735  
Roosevelt, UT 84066

Re: APD Rescinded – Ute Tribal 4-21D-46, Sec. 21, T. 5S, R. 5W  
Duchesne County, Utah API No. 43-013-33696

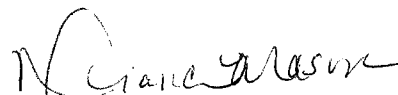
Dear Ms. Fieldsted:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 18, 2007. On June 18, 2008, June 24, 2009 and May 25, 2010 the Division granted a one-year APD extension. On May 25, 2011, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective May 25, 2011.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

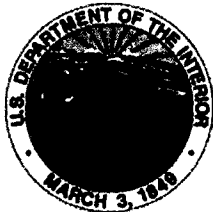
If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

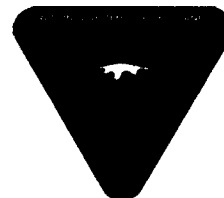
Green River District

Vernal Field Office

170 South 500 East

Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



AUG 20 2015

IN REPLY REFER TO:  
3160 (UTG011)

Andrea Gurr  
Linn Energy  
4000 South 4028 West  
Roosevelt, UT 84066

RECEIVED

AUG 24 2015

DIV. OF OIL, GAS & MINING

Dear Ms. Gurr:

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Land Law Examiner Robin R. Hansen received on August 7, 2015. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

43-013-

Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
14-20-H62-4749	Ute Tribal 2-24-55 51304	NWNE	Sec. 24-T5S-R5W	3/16/2012
14-20-H62-4825	Ute Tribal 4-21D-55 33696	NWNW	Sec. 21-T5S-R5W	3/16/2012
14-20-H62-5017	Ute Tribal 6-15-55 51399	SENE	Sec. 15-T5S-R5W	5/7/2012
14-20-H62-5026	Ute Tribal 1-32-55 51298	NENE	Sec. 32-T5S-R5W	3/16/2012
14-20-H62-5500	LC Tribal 12H-23-56 51488	NESE	Sec. 23-T5S-R6W	6/18/2012
14-20-H62-5500	LC Tribal 5H-33-45 51338	SENE	Sec. 33-T4S-R5W	4/10/2012

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka  
Assistant Field Manager  
Lands & Mineral Resources

Enclosures

cc: UDOGM  
BIA

bcc: Well File